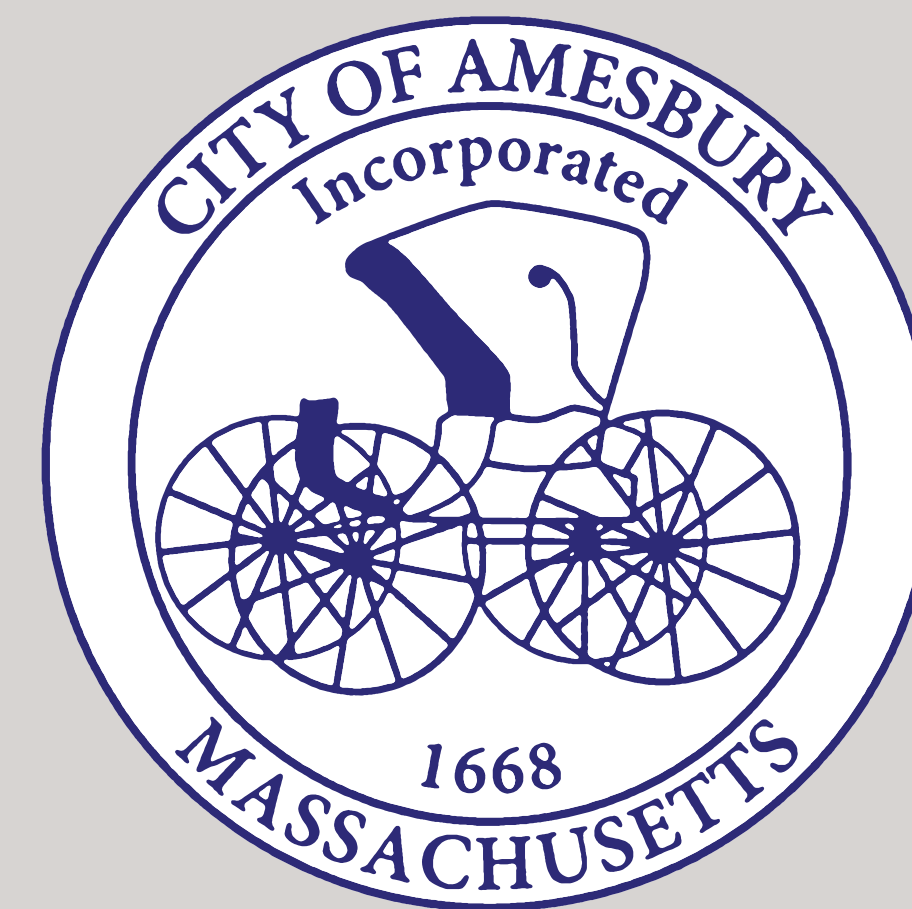




Amesbury Elementary School

City Council Meeting

July 10, 2018



 **DINISCO DESIGN**
architects + planners

Agenda

- Educational Goals
- Grade configurations
- Educational Space Summary
- Amesbury Elementary School Site
- Woodsom Farm Site
- Cashman Elementary School Site
- Process & timeline

Amesbury's Project Educational Goals



- District-wide grade structure evaluation
- Equity across schools
- Optimized grade configuration
- Appropriate grade structures & relationships
- Flexible groupings & spaces
- Flexibility to accommodate enrollment changes

Grade Configurations | Schemes

775-930 Elementary Students

Scheme 1*	PK	K	1	2	3	4	5	6	7	8
Amesbury ES (450+PK)	●	●	●	●	●	●				
Cashman ES (325+PK)	●	●	●	●	●	●				
Amesbury MS (678)							●	●	●	●

Scheme 2*	PK	K	1	2	3	4	5	6	7	8
Amesbury ES (540+PK)	●	●	●	●	●	●	●			
Cashman ES (390+PK)	●	●	●	●	●	●	●			
Amesbury MS (508)								●	●	●

Scheme 3*	PK	K	1	2	3	4	5	6	7	8
Amesbury ES (540+PK)	●	●	●	●	●	●	●			
Cashman ES (390)		●	●	●	●	●	●			
Amesbury MS (508)								●	●	●

Scheme 4*	PK	K	1	2	3	4	5	6	7	8
Amesbury ES (580+PK)	●	●	●	●	●	●	●			
Cashman ES (350)			●	●	●	●	●			
Amesbury MS (508)								●	●	●

Scheme 5*	PK	K	1	2	3	4	5	6	7	8
Amesbury ES (465+PK)	●	●	●	●						
Cashman ES (465)					●	●	●			
Amesbury MS (508)								●	●	●

Scheme 6*	PK	K	1	2	3	4	5	6	7	8
Amesbury ES (465)					●	●	●			
Cashman ES (465+PK)	●	●	●	●						
Amesbury MS (508)								●	●	●

- Create equity between schools
- Move 5th grade
- Provide space at Middle School
- Benefit the entire community
- Community support

★Capacity has been modified to “Right Size” Cashman

1. Increased enrollment based upon updated information.
2. Not finalized, pending review with MSBA.

Grade Configurations | Educational Benefits

Scheme 3 (PK, K-5 AES / K-5 CES)

Scheme 3*	PK	K	1	2	3	4	5	6	7	8
Amesbury ES (540+PK)	●	●	●	●	●	●	●			
Cashman ES (390)		●	●	●	●	●	●			
Amesbury MS (508)								●	●	●

Scheme 5*	PK	K	1	2	3	4	5	6	7	8
Amesbury ES (465+PK)	●	●	●	●						
Cashman ES (465)					●	●	●			
Amesbury MS (508)								●	●	●

775-930 Elementary Students

- 5th grade at Elementary level
- Enhanced Middle School programs
- “Right-size” Cashman
- All Pre-K at one location
- Program equity

1. Increased enrollment based upon updated information.
2. Not finalized, pending review with MSBA.

Grade Configurations | Educational Benefits

Scheme 5 (PK-2 AES / 3-5 CES)

Scheme 3*	PK	K	1	2	3	4	5	6	7	8
Amesbury ES (540+PK)	●	●	●	●	●	●	●			
Cashman ES (390)		●	●	●	●	●	●			
Amesbury MS (508)								●	●	●

Scheme 5*	PK	K	1	2	3	4	5	6	7	8
Amesbury ES (465+PK)	●	●	●	●						
Cashman ES (465)					●	●	●			
Amesbury MS (508)								●	●	●

775-930 Elementary Students

- 5th grade at Elementary level
- Enhanced Middle School Programs
- “Right-size” Cashman
- All Pre-K at one location
- Program Equity
- Enhanced grade level learning
- Collaborative grade level teaching
- Optimized grade configuration
- One added school transition

1. Increased enrollment based upon updated information.
2. Not finalized, pending review with MSBA.

Amesbury ES Project | Educational Considerations

The MSBA is reconsidering enrollment figures

- Potential increase from 855 to 930 (K–5) — determination in July/August

School Committee vote for grade configuration

- PK–2; 3–5 or PK, K–5; K–5
- Vote August 6, 2018

These decisions will inform the building size and layout

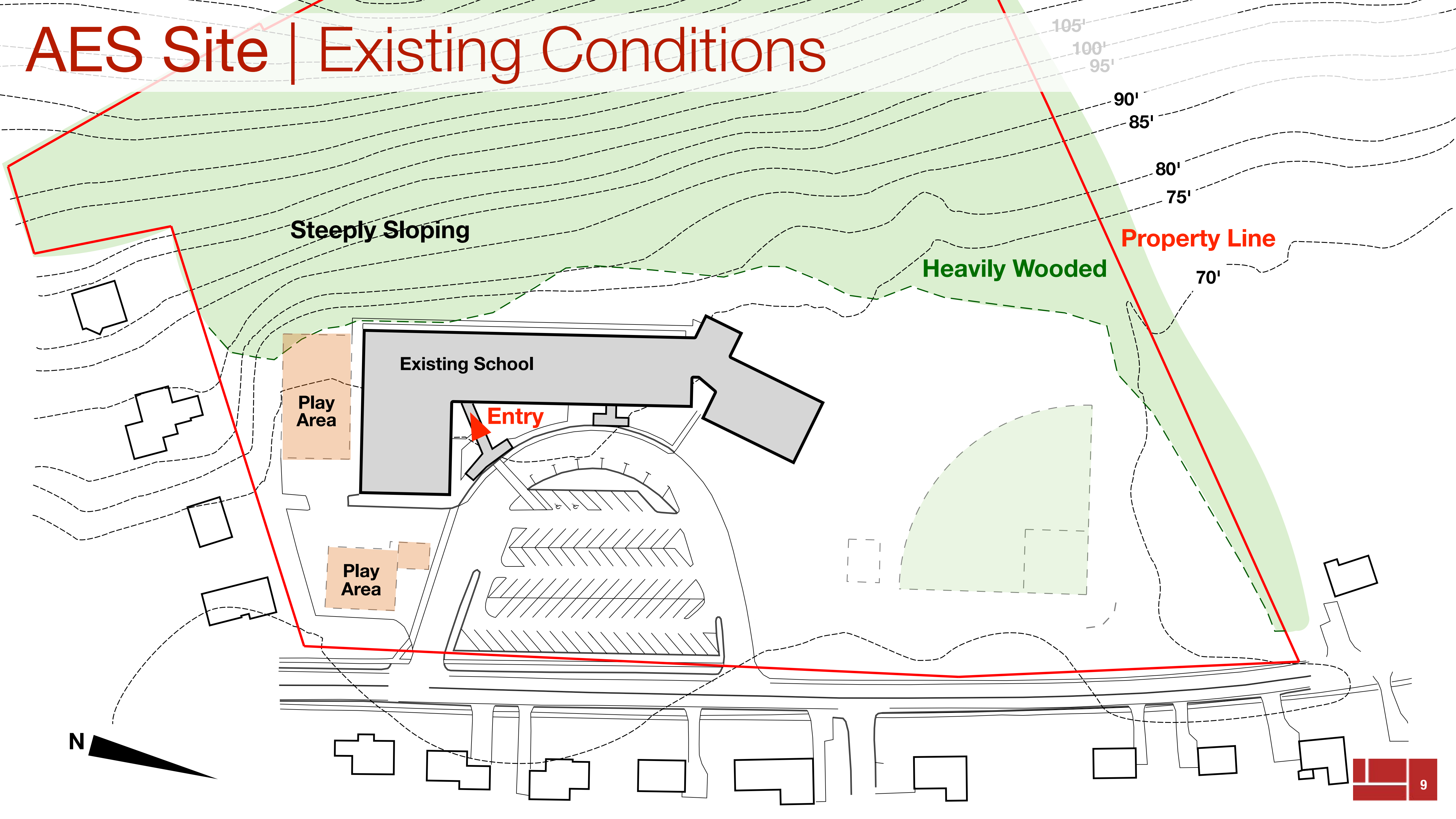
Space Summary

Amesbury Elementary School

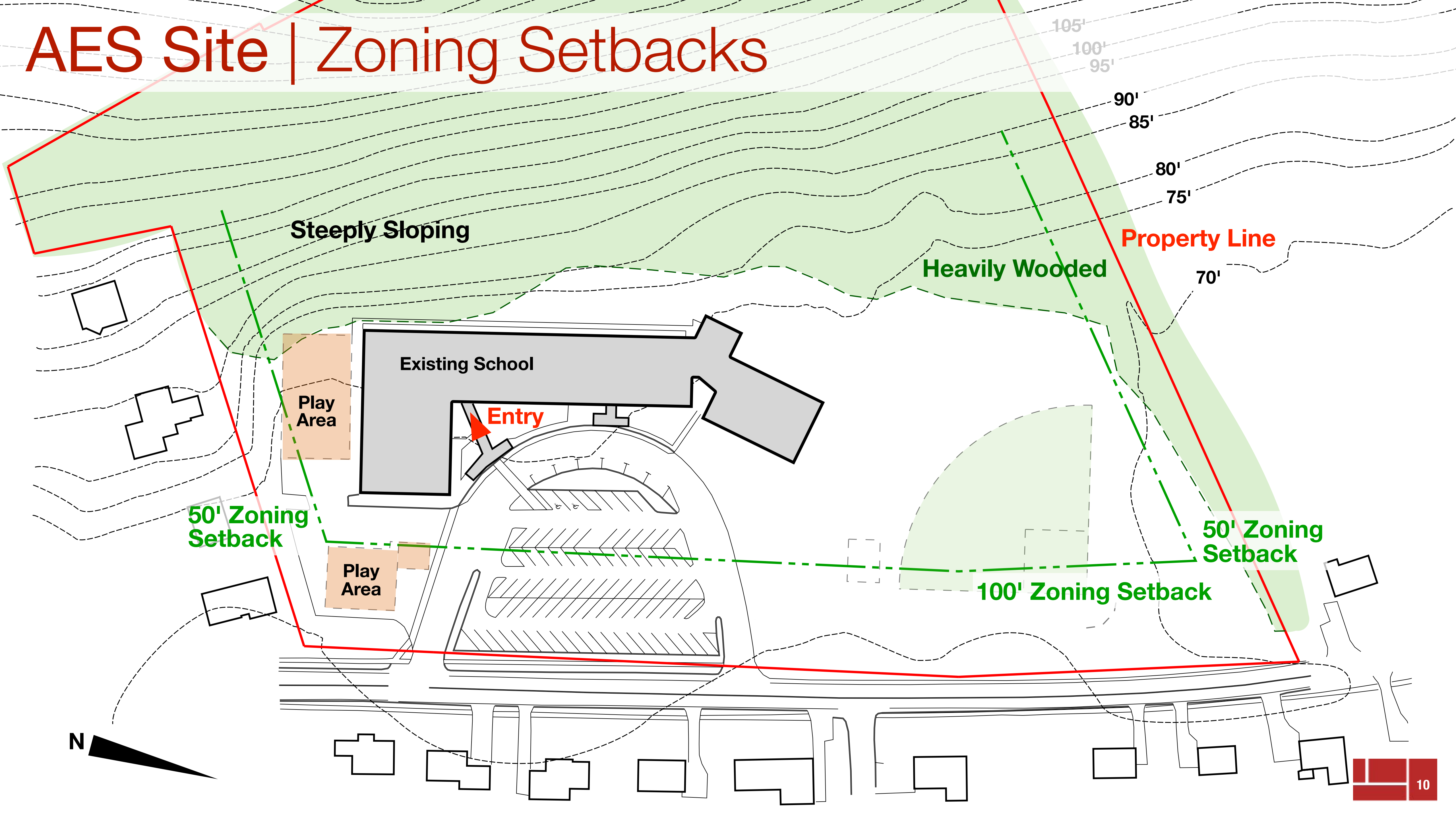
Scheme	No. of Students	Program Area	Gross Square Footage	Comments
Scheme 3 All Pre-K, K-5	540 Students + PK Students	67,200 NFA	100,800 GSF	<ul style="list-style-type: none">• Two Elementary Schools• Right-size Cashman• All Pre-K in one building• 5th grade to ES• Allow enhanced MS programs
Scheme 5 All PK-2 (3-5 @ CES)	465 Students + PK Students	66,642 NFA	99,963 GSF	<ul style="list-style-type: none">• Equity• Parity• Enhanced grade level learning and teaching• Right-size Cashman• 5th grade to ES• Allow enhanced MS programs

NFA = Net Floor Area
GSF = Gross Square Footage

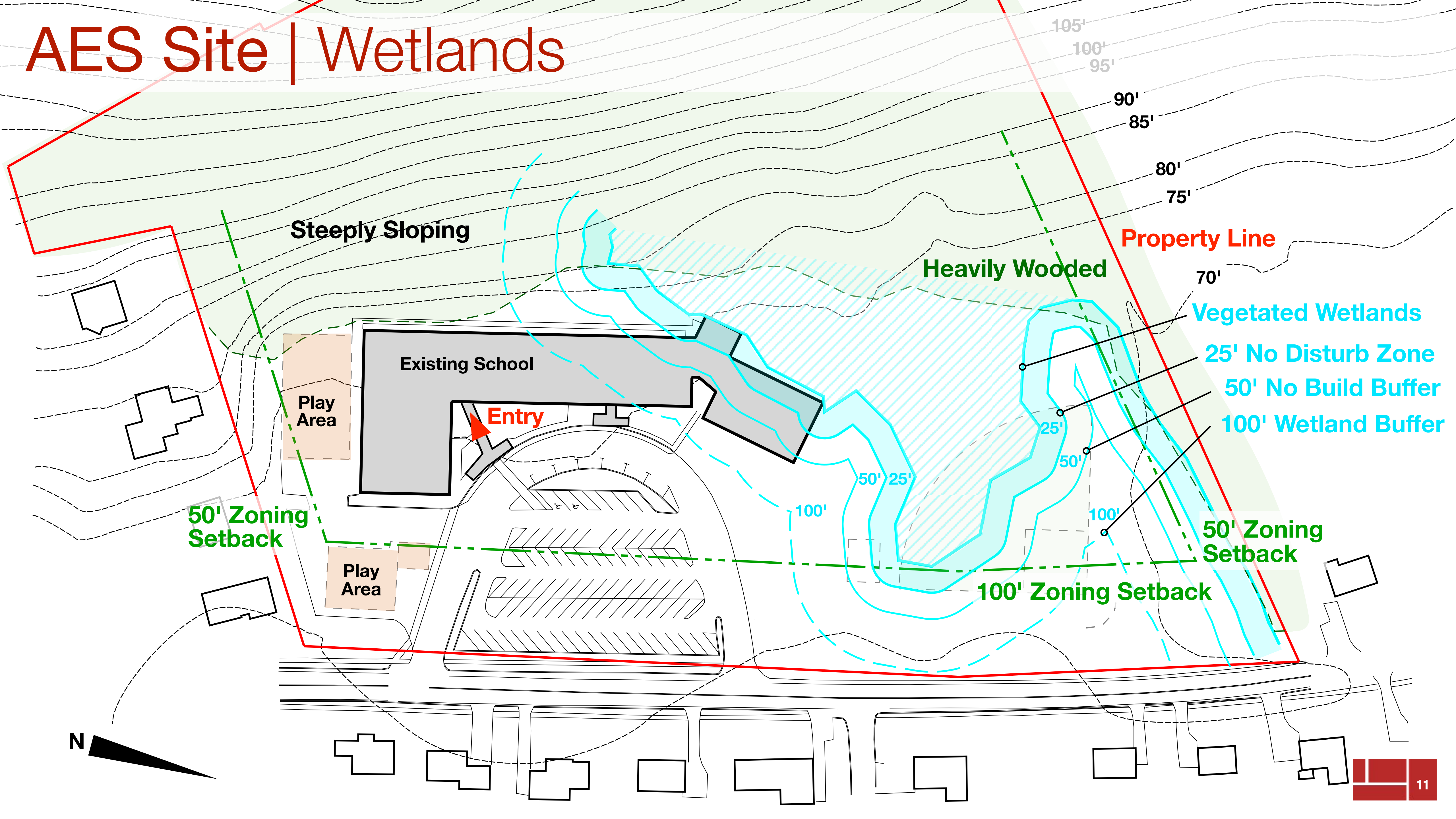
AES Site | Existing Conditions



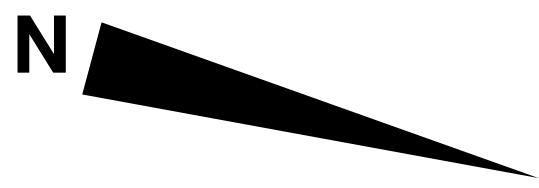
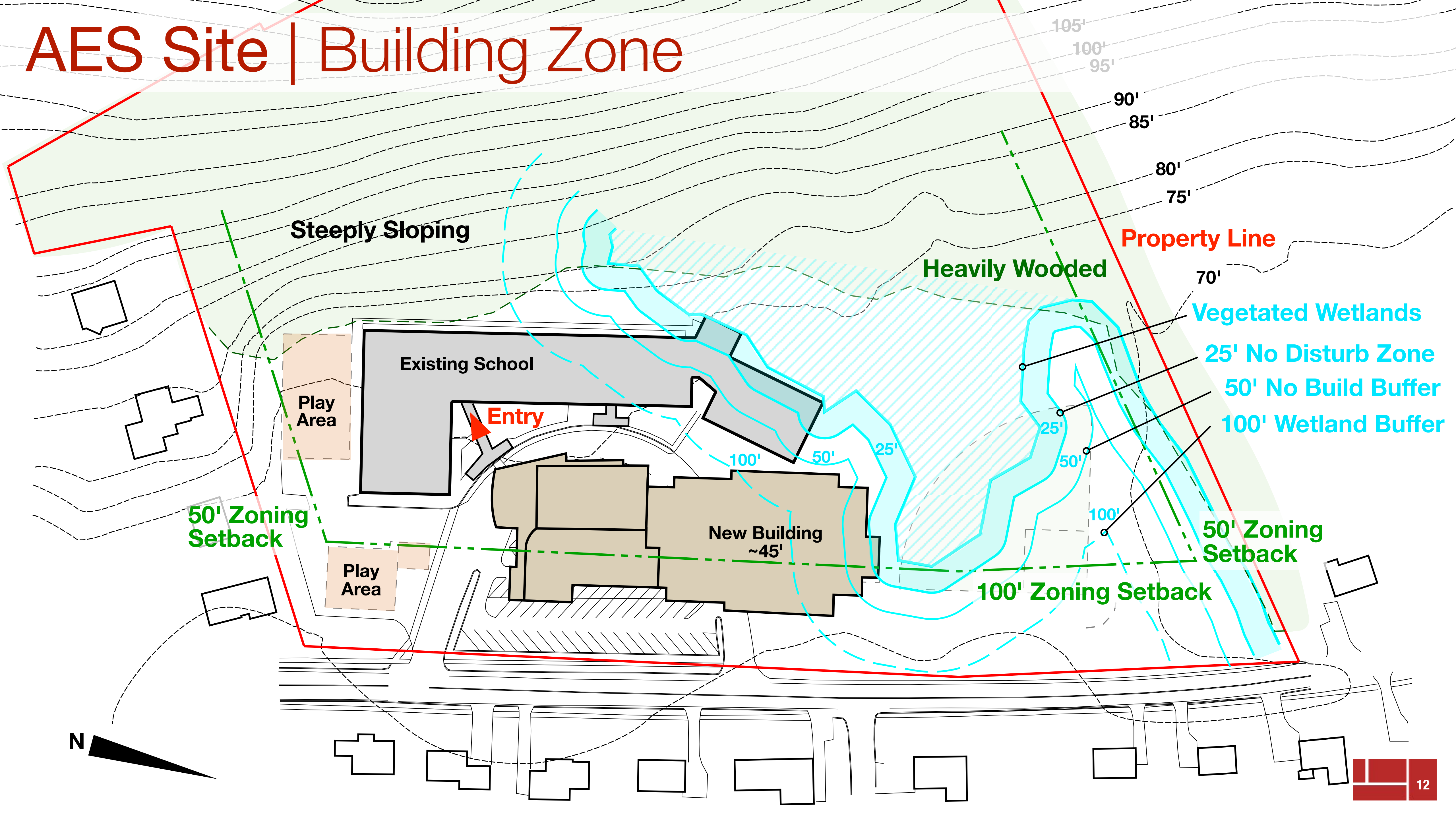
AES Site | Zoning Setbacks



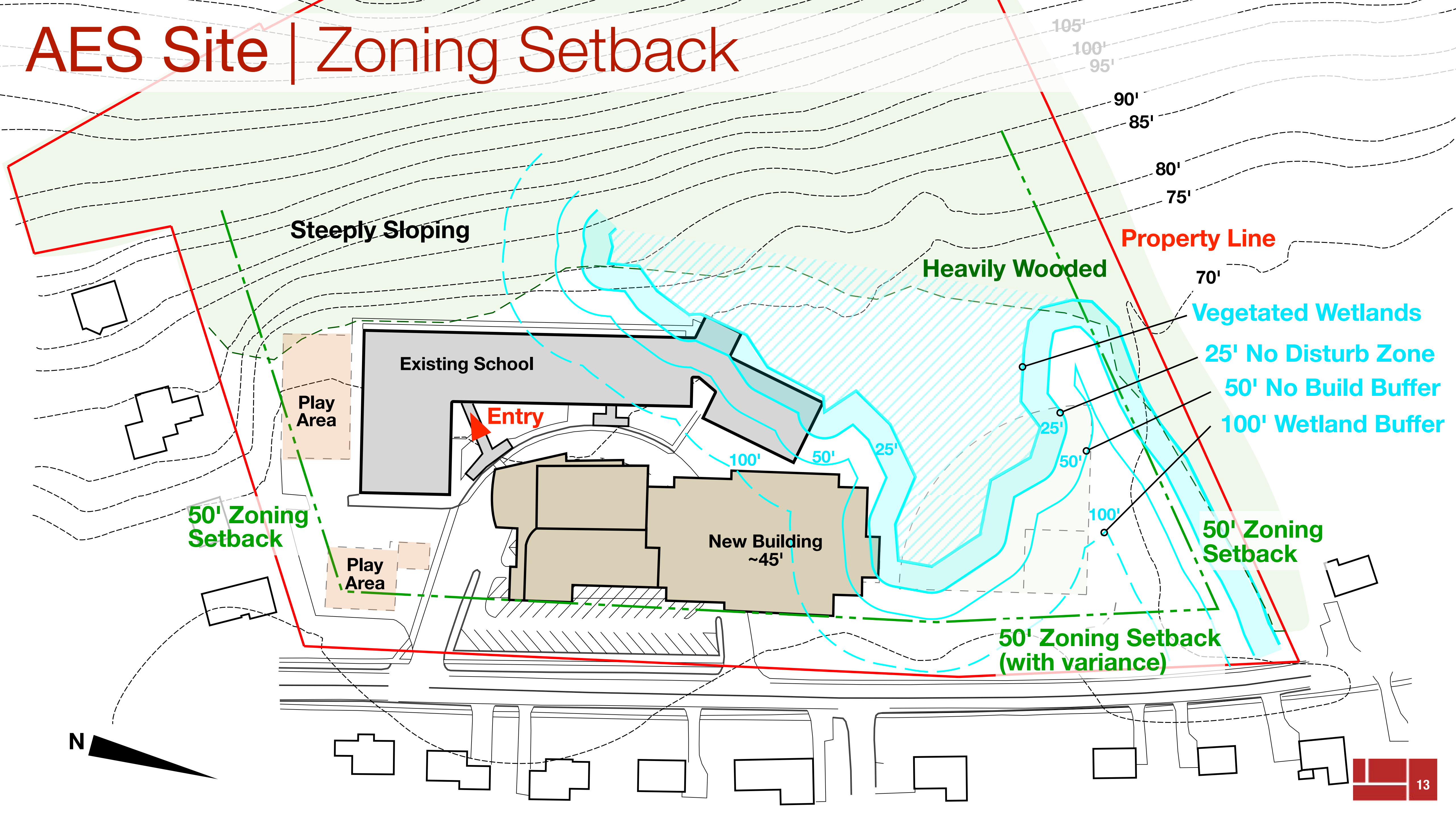
AES Site | Wetlands



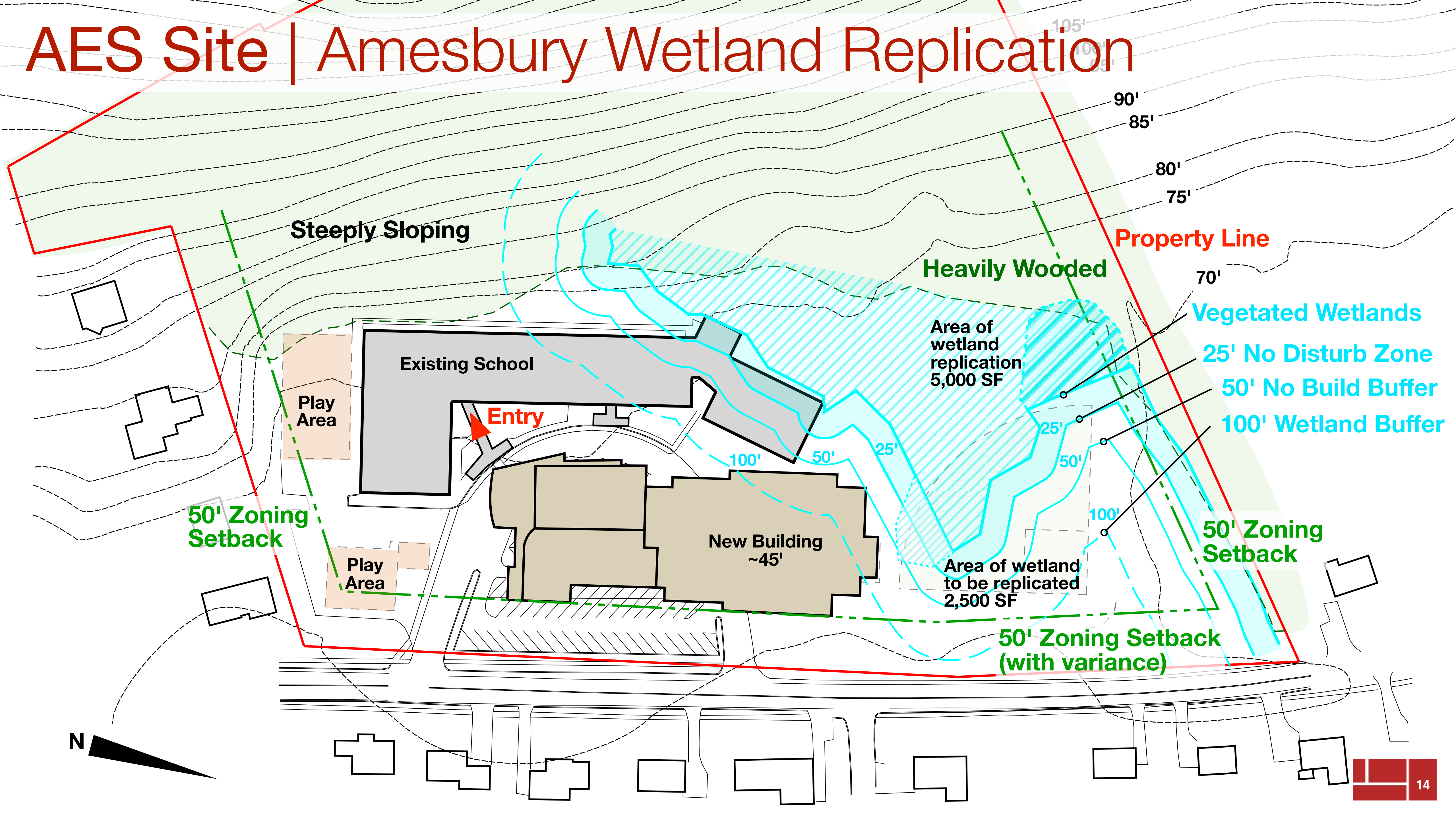
AES Site | Building Zone



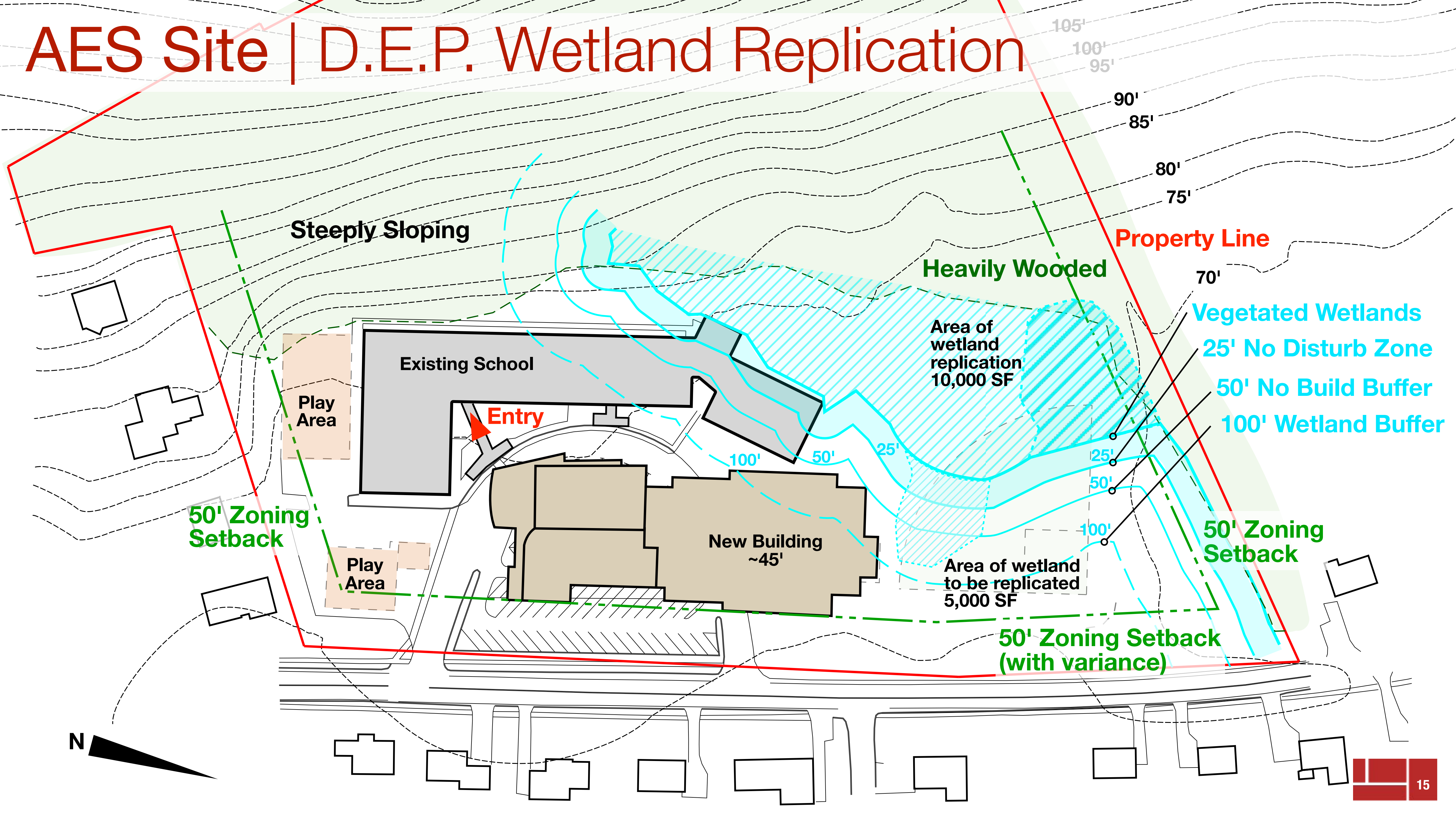
AES Site | Zoning Setback



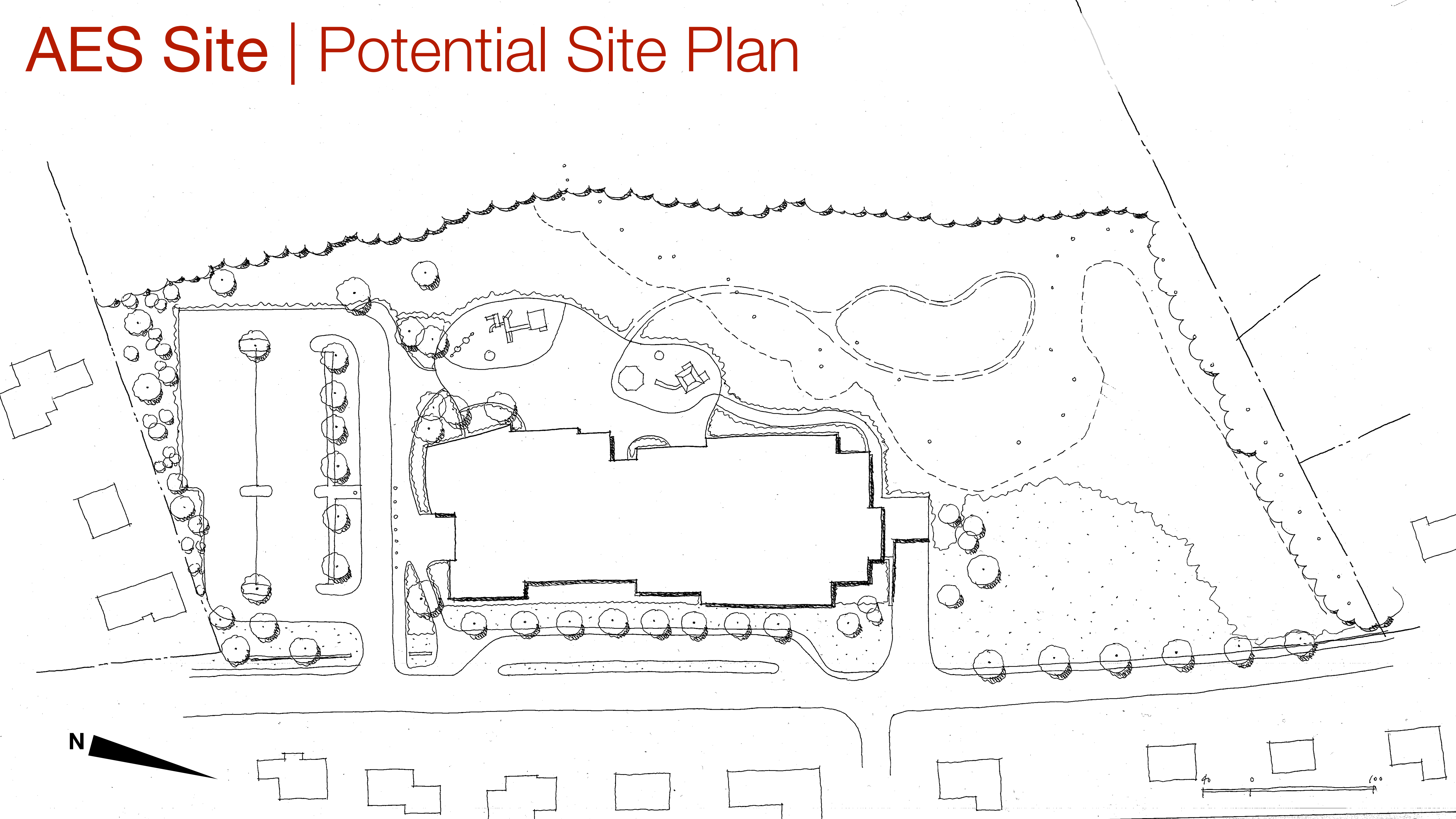
AES Site | Amesbury Wetland Replication



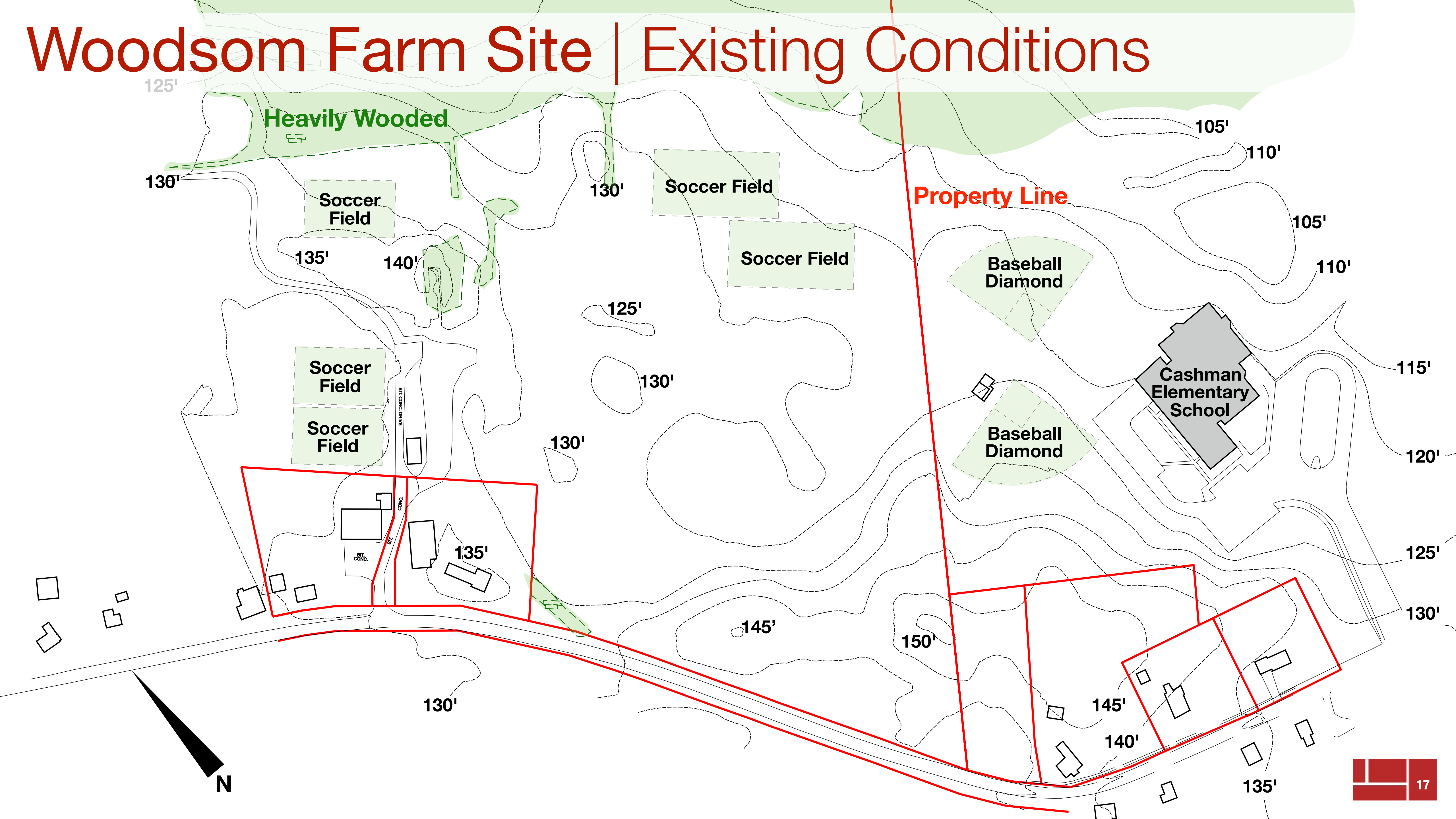
AES Site | D.E.P. Wetland Replication



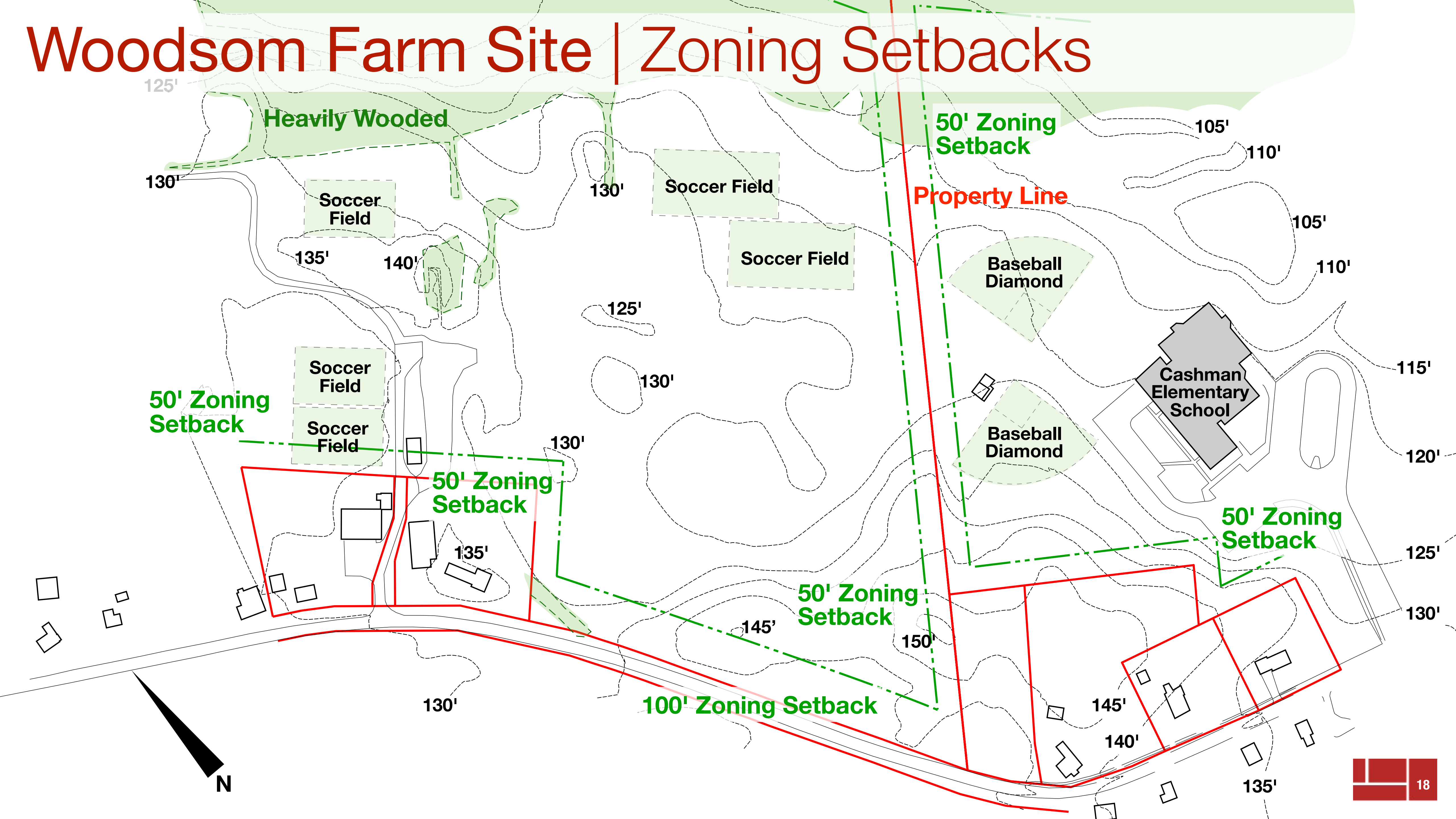
AES Site | Potential Site Plan



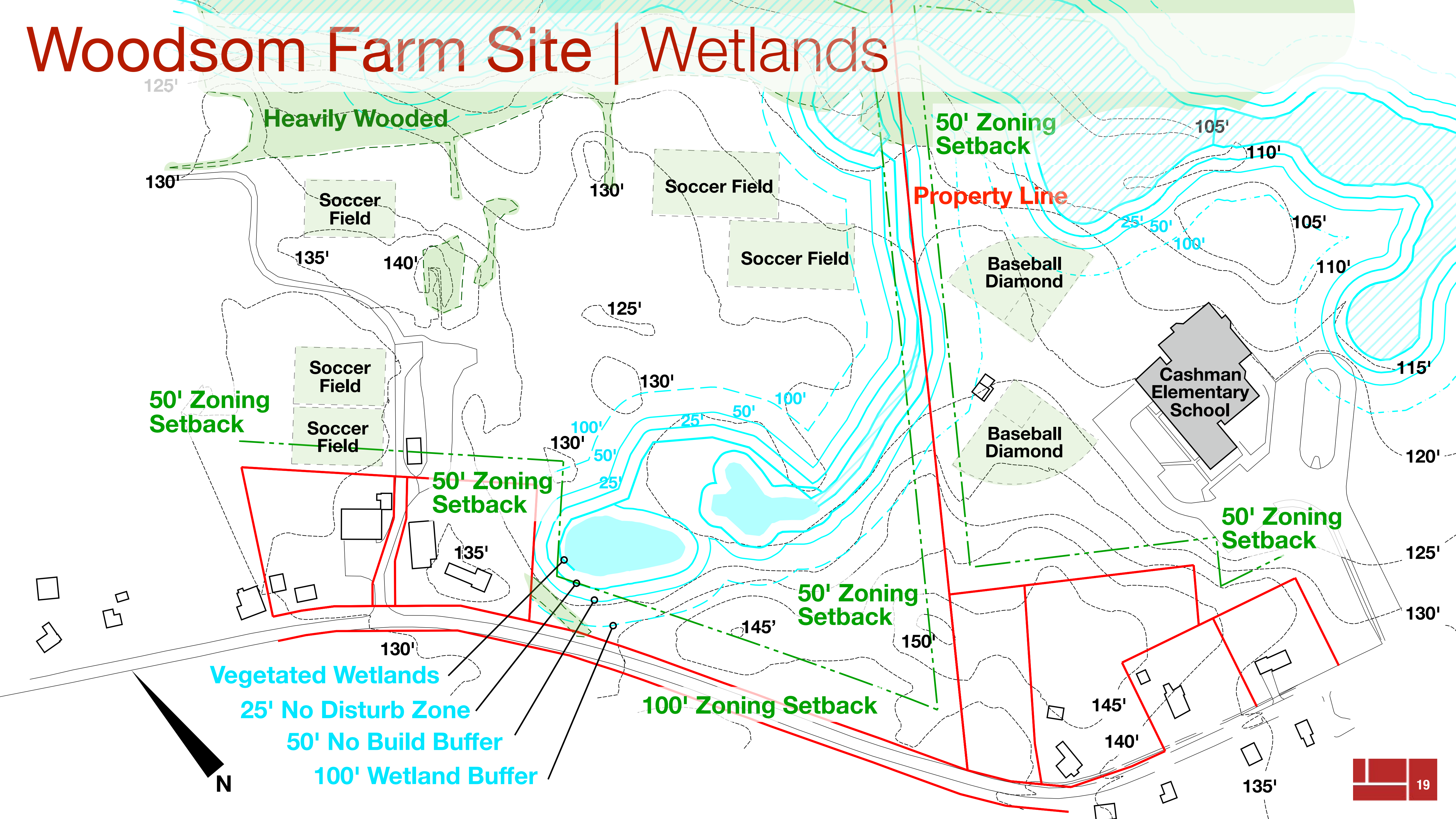
Woodsom Farm Site | Existing Conditions



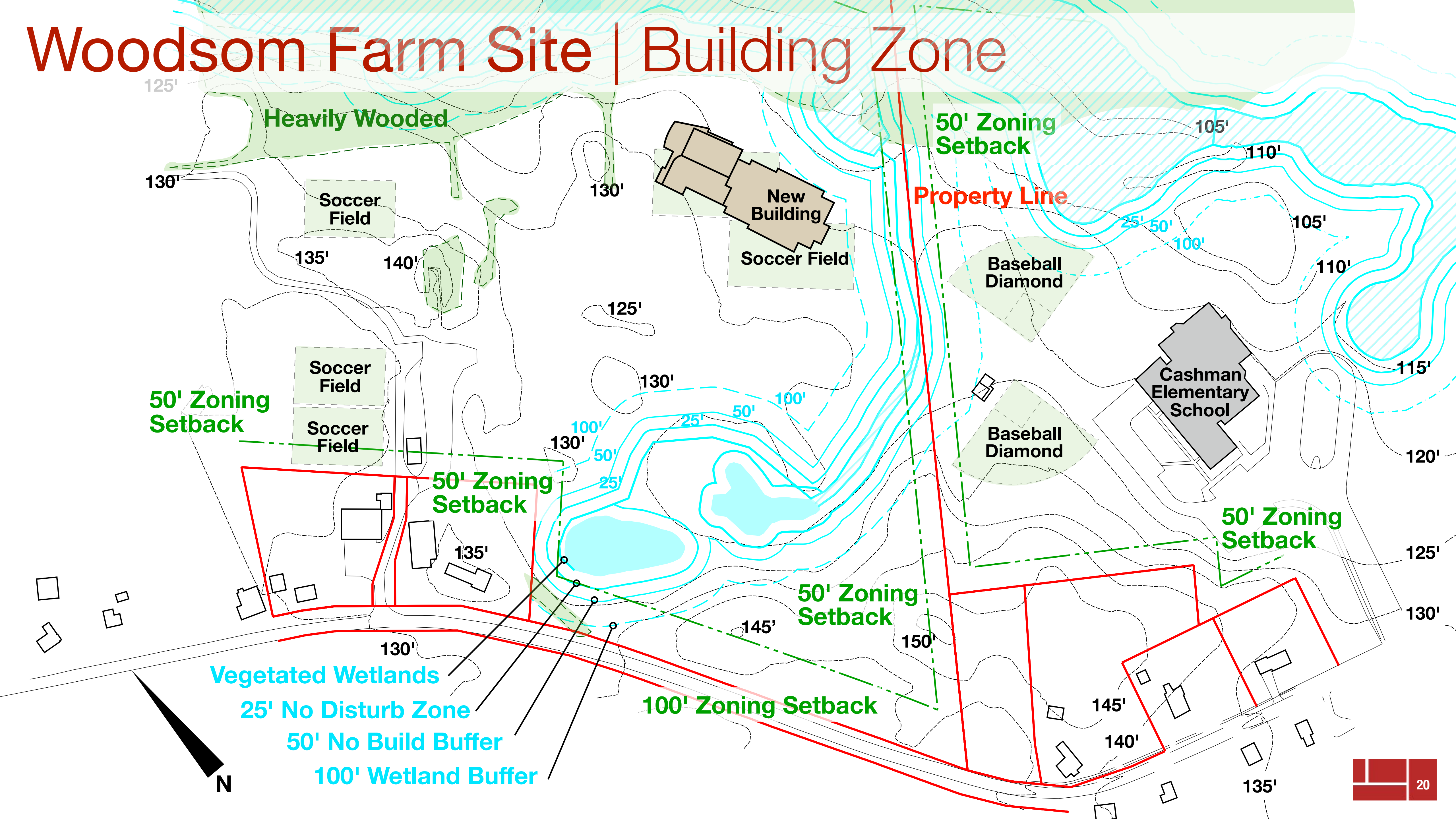
Woodsom Farm Site | Zoning Setbacks



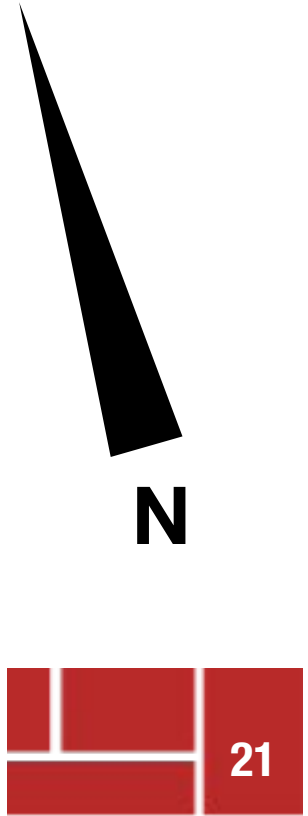
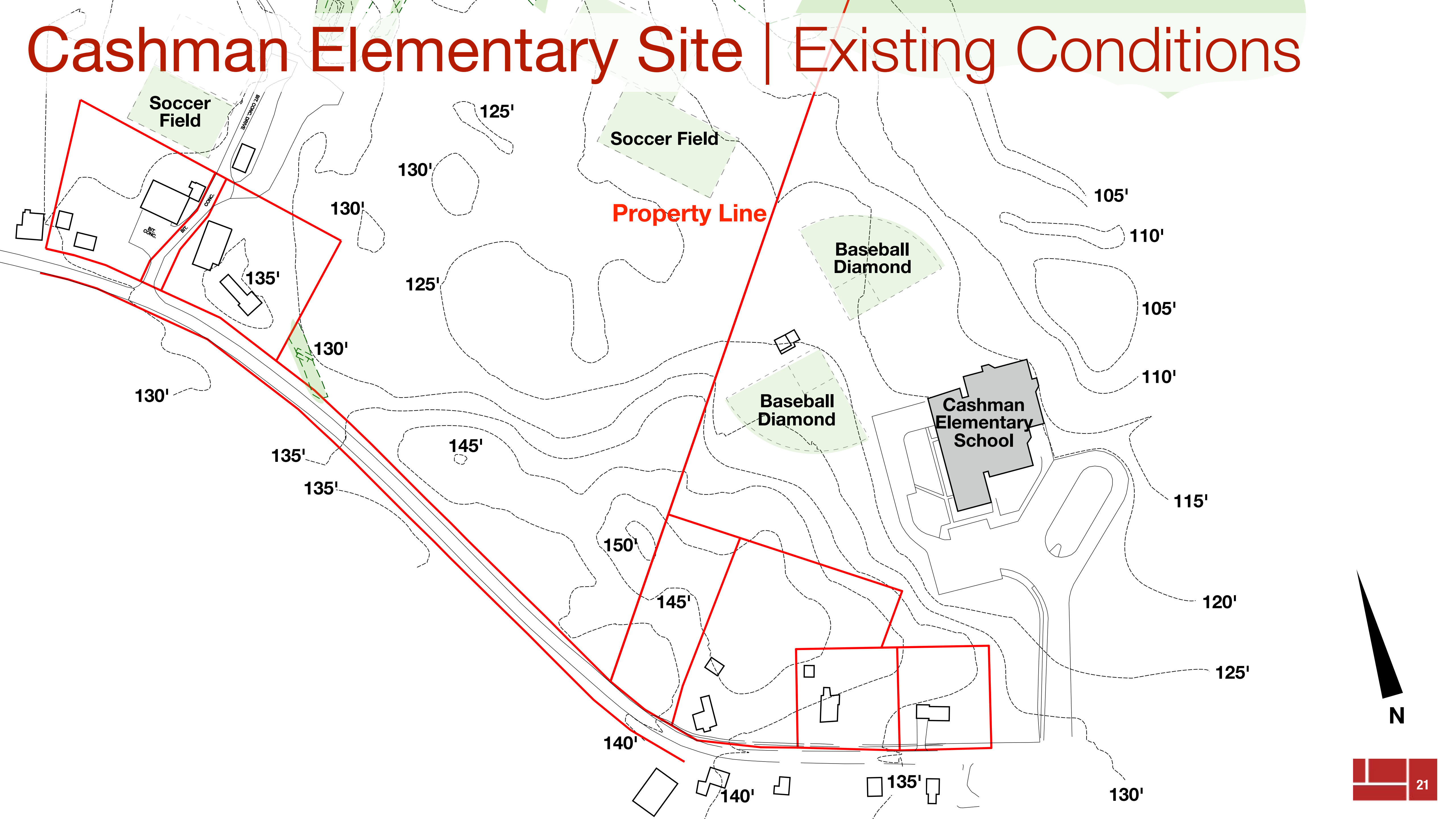
Woodsom Farm Site | Wetlands



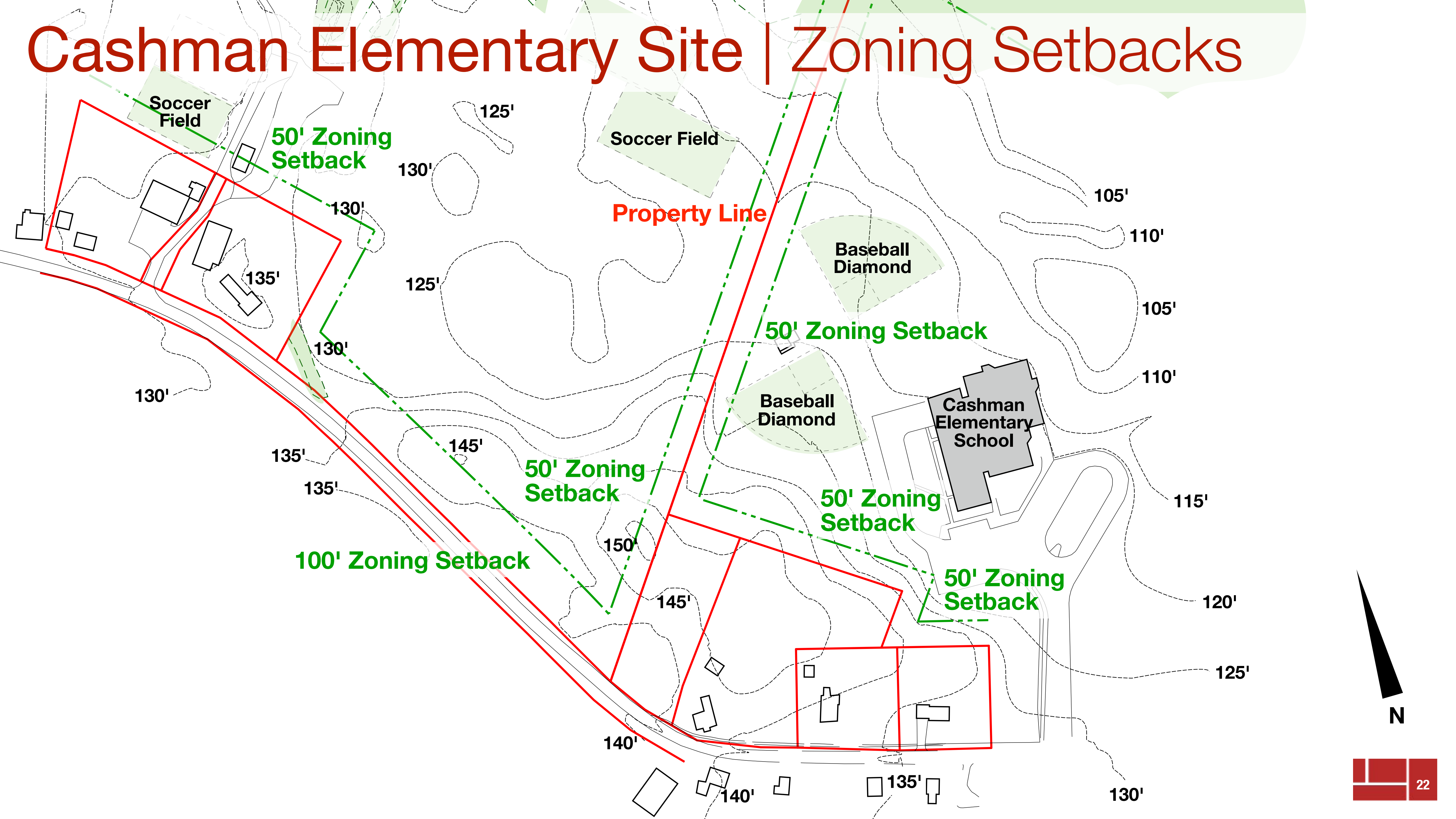
Woodsom Farm Site | Building Zone



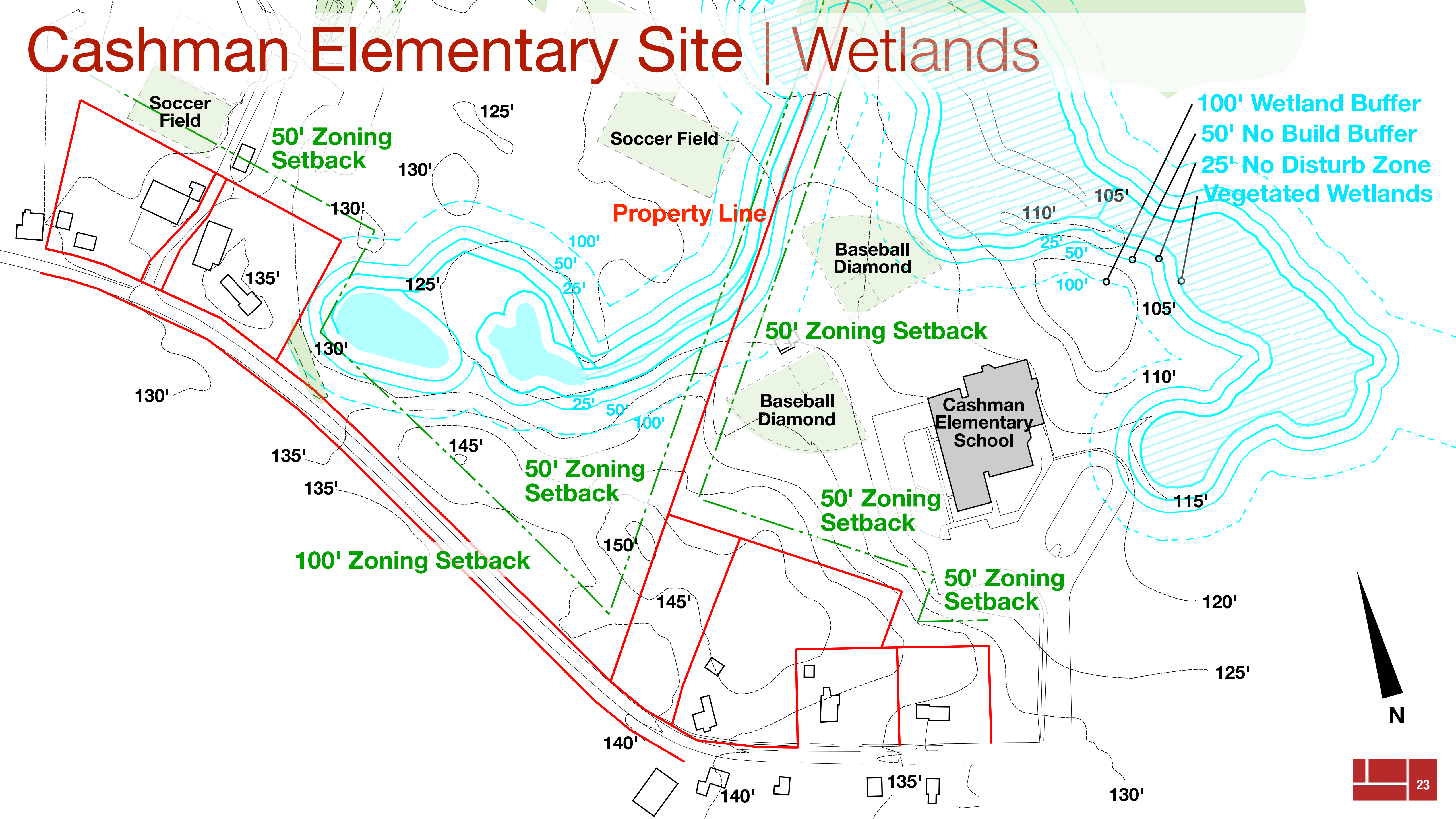
Cashman Elementary Site | Existing Conditions



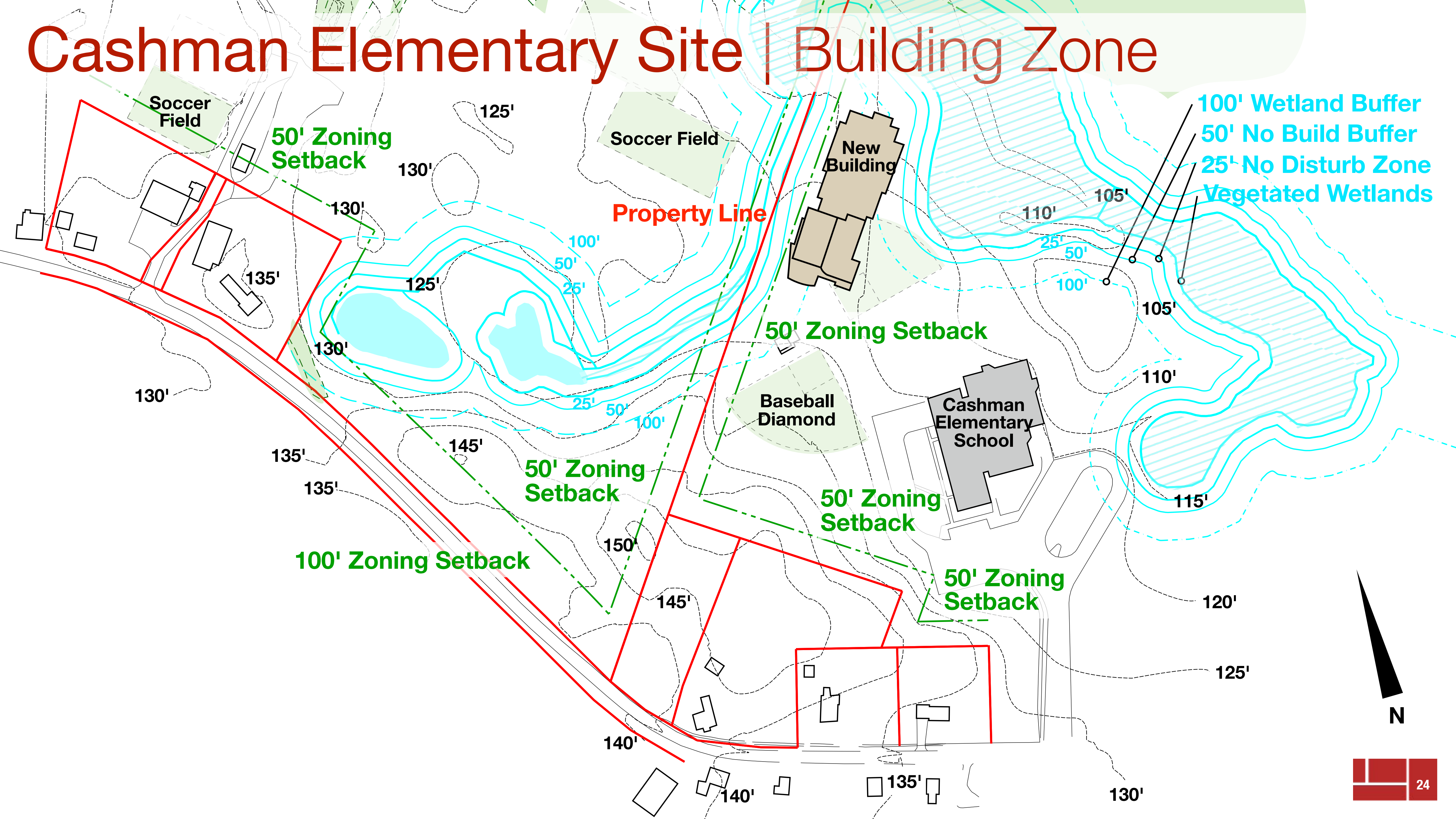
Cashman Elementary Site | Zoning Setbacks



Cashman Elementary Site | Wetlands



Cashman Elementary Site | Building Zone



Amesbury ES Project | Site Characteristics

AES Site

Total Area: 17 Acres

Buildable Area: 2.3 Acres (w/ variances)

Appropriate grade configurations:

PK–2; 3–5 or PK, K–5; K–5

Zoning

- Open Space Conservancy (OSC).
- Anticipate variance will be requested for height and front setbacks.

Wetlands

- Identified, flagged, and surveyed. Preliminary results found more extensive wetlands than originally identified.
- ANRAD (Abbreviated Notice of Resource Area Delineation) in process — deadline July 16, 2018 for August 6, 2018 hearing.
- Anticipate a variance will be requested for wetlands buffer setbacks.

Topography

- Steep sloping hill in rear of site.

Other

- Although not absolutely required, swing space is most desirable for minimal school disruption, duration of construction, and location of new school. To date no available space has been identified. The city continues to look for available buildings.

Amesbury ES Project | Site Characteristics

AES Site

Total Area: 17 Acres

Buildable Area: 2.3 Acres (w/ variances)

Appropriate grade configurations:

PK–2; 3–5 or PK, K–5; K–5

Zoning

- Open Space Conservancy (OSC).
- Anticipate variance will be requested for height and front setbacks.

Wetlands

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- Anticipate a variance will be requested for wetlands buffer setbacks.

Topography

- Steep sloping hill in rear of site.

Other

- Although not absolutely required, swing space is most desirable for minimal school disruption, duration of construction, and location of new school. To date no available space has been identified. The city continues to look for available buildings.

Cashman Site

Total Area: 36 Acres

Buildable Area: 6.2 Acres

Appropriate grade configuration:

PK–2; 3–5

Zoning

- Open Space Conservancy (OSC).
- Anticipate variance will be requested for height and possible variance for side setbacks.

Wetlands

- Identified, based on available documentation. Not flagged or surveyed as part of this project.
- Do not anticipate requesting a variance for wetlands buffer setbacks.

Topography

- Steeply sloping hill in rear of site.
- Buildable area has 30' grade change.

Other

- No swing space required.
- Would require relocation of baseball fields.

Amesbury ES Project | Site Characteristics

AES Site

Total Area: 17 Acres

Buildable Area: 2.3 Acres (w/ variances)

Appropriate grade configurations:

PK-2; 3-5 or PK, K-5; K-5

Zoning

- Open Space Conservancy (OSC).
- Anticipate variance will be requested for height and front setbacks.

Wetlands

- Identified, flagged, and surveyed. Preliminary results found more extensive wetlands than originally identified.
- ANRAD (Abbreviated Notice of Resource Area Delineation) in process — deadline July 16, 2018 for August 6, 2018 hearing.
- Anticipate a variance will be requested for wetlands buffer setbacks.

Topography

- Steep sloping hill in rear of site.

Other

- Although not absolutely required, swing space is most desirable for minimal school disruption, duration of construction, and location of new school. To date no available space has been identified. The city continues to look for available buildings.

Cashman Site

Total Area: 36 Acres

Buildable Area: 6.2 Acres

Appropriate grade configuration:

PK-2; 3-5

Zoning

- Open Space Conservancy (OSC).
- Anticipate variance will be requested for height and possible variance for side setbacks.

Wetlands

- Identified, based on available documentation. Not flagged or surveyed as part of this project.
- Do not anticipate requesting a variance for wetlands buffer setbacks.

Topography

- Steeply sloping hill in rear of site.
- Buildable area has 30' grade change.

Other

- No swing space required.
- Would require relocation of baseball fields.

Woodsom Site

Total Area: ~377 Acres

Required Area: 5.9 Acres

Appropriate grade configuration:

PK-2; 3-5

Zoning

- Open Space Conservancy (OSC).
- Anticipate variance will be requested for height.

Wetlands

- Identified, flagged, and surveyed by Oak Consulting Group in 2015. Wetland boundaries remain valid.
- Variance may be requested to create a walking path to Cashman for a campus setting, and/or to Lion's Mouth Road for vehicular access.

Topography

- Relatively flat area is under consideration for area of school.

Other

- No swing space required.
- Existing soccer fields to remain.

MSBA Process & Timeline

- SC Educational Programs Approval July 2018
- Preliminary Design Program (PDP) July 2018
- MSBA Enrollment / Program Review July 2018
- SC Final Educational Program Approval August 6, 2018
- Evaluation of Ed Program Options Summer 2018
- Evaluation of Design Options September 2018
- Preferred Schematic Report (Study) October 17, 2018
- MSBA Board Meeting December 12, 2018

Project Schedule

